

I wish to add my comments to the chorus of concerns regarding the implementation of BPL and the potential for interference to the Amateur Radio Service.

It is probably going to be difficult to submit comments that are different than those of many others.

In recent times, amateur radio operators have faced a number of challenges not only from interference problems but local covenants that do not permit or severely restrict antenna installations.

Even if BPL installations meet Part 15 rules, the problem is that the power grid, potentially, in this country becomes eventually a very low power antenna spread across the continent.

Near field signals can, with overhead power lines, cause rather high levels of interference due to proximity. I can even imagine that due to the nature of HF propagation that signals can propagate over rather long distances. This not only contributes to the general interference potential but, therefore, can cause interference at some distance and make it almost impossible to determine where it is coming from.

There is also the issue, due to close proximity, that amateur as well as commercial services can cause interference to BPL systems in operation.

I understand the commercial interests in proceeding with BPL installations and the comments that interference issues can be addressed on a one by one basis. This is easy to say from those who are not affected by it and who do not have to deal with the consequences or solutions.

BPL has the potential for creating interference problems that essentially curtail amateur radio operations on top of various issues we are already dealing with.

Currently, I have a power line noise issue that the utility is working on but has yet to resolve.

And, I moved here to a rather remote location from a residential area where sodium vapor street lights were generating so much hash that I was unable to operate my station at night.

And, the utility representative was also a ham and understood the effects of these type of street lights.

I truly hope, and ask, that you seriously consider the potential that others will have to deal with if this BPL system is installed nationwide. After the fact, it will be almost impossible to resolve or make it so difficult to do that most amateurs will simply stay off the air.

I urge you to hear it for yourself as many amateurs, especially those that have mobile setups, will gladly demonstrate it for you in those test areas already up and running with BPL.

Thank you,

Jim Monahan, K1PX